

REMARKS

In the Office Action, claims 1-12, 14-16, 18, 19 and 21-26 were pending. Claims 1-12 and 22 were withdrawn from consideration. Claims 14-16, 19 and 26 were rejected, and claims 18, 21 and 23-25 were objected to. Claim 26 has been canceled and is no longer at issue.

Claim 19 has been amended. The proposed amendment does not contain new matter. The subject matter of the amendments can be found in paragraph 23 of the application and in the originally filed claims. Applicants respectfully request admission of the amended claim.

I. Rejections under 35 U.S.C. § 112

In the Office Action at page 3, claims 19 and 26 were rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as his invention. The Examiner stated that claims 19 and 26 recite a range for the CaO/MgO content that falls outside of the possible ranges as defined by the individual ranges of the components and the combined range for the two components in the instant claims. The Examiner further stated that it is unclear how Applicants can achieve a CaO/MgO of 2 when the glass requires that the content of CaO is greater than 9 and the content of MgO is less than 4 while the range of CaO + MgO is from 12-13.4. Applicants respectfully traverse the rejection.

Applicants have amended claim 19 to overcome the Examiner's rejection. In the amended claims, the ratio of CaO/MgO is between 2.33 (the minimum ratio possible based on the minimum weight percents of CaO and MgO that can be present in the composition) and 5 so the rejection is no longer proper. As a result, Applicants respectfully request the traversal of the rejection of claim 19 under 35 U.S.C. 112, second paragraph. Claim 19 should now be allowable since the Examiner stated in the Office Action at page 4 that the prior art fails to teach or suggest a glass composition having the composition and thermal properties as recited in the instant claims (claim 19).

II. Rejections under 35 U.S.C. § 102(e)

In the Office Action at page 3, claims 14-16 and 26 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,313,052

("Nakashima"). The Examiner stated that Nakashima discloses a glass substrate having overlapping ranges of components with claims 14-16 and 26, and the ranges are sufficiently specific to anticipate the compositional limitations in claims 14-16 and 26. Further, the Examiner stated that Example 20 anticipates all of the limitations of claims 14-16 and 26. Applicants respectfully traverse the rejection.

Claim 14 recites a coating composition as defined in claim 19, wherein CaO is in the range of greater than 9 to 12 weight percent. Consequently, claim 14 includes all of the limitations related to glass composition and thermal properties that are present in claim 19. Applicants have already discussed above why independent claim 19 is allowable and there is nothing in Nakashima which anticipates the glass composition recited in claim 19 as further limited by claim 14. As a result, Applicants respectfully request the withdrawal of the rejection of claim 14 over 35 U.S.C. § 102(e).

For reasons identical to those stated above in regard to claim 14, the cited reference fails to disclose the combination of the ratio of CaO/MgO, log 2 viscosity and log 4 viscosity as recited in claims 15 and 16 which depend directly from independent claim 19. As a result, Applicants respectfully request the withdrawal of the rejection of claims 15 and 16 over 35 U.S.C. § 102(e).

III. Claim Objections

In the Office Action at page 4, the Examiner stated that claims 18, 21 and 23-25 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The Examiner also stated that if claim 19 was amended such that the CaO/MgO range was proper, the claim would be allowable over the prior art because the prior art fails to teach or suggest a glass composition having the composition and thermal properties as recited in the claims.

Amended claim 19 has been amended to recite a proper CaO/MgO range. Therefore, amended claim 19 is allowable. Claims 18, 21, 23 and 25 depend on claim 19. Because amended claim 19 is allowable, claims 18, 21, 23 and 25 no longer depend on a rejected base claim. As a result, Applicants

respectfully request the withdrawal of the objections to claims 18, 21, 23 and 25.

IV. Restriction of Claim 22

In the Office Action at page 2, the Examiner withdrew newly amended claim 22 from consideration because it is independent and distinct from the invention originally claimed; it is directed towards a method of making glass. Applicants respectfully traverse the restriction requirement and the withdrawal of claim 22 by the Examiner. It would not constitute a serious burden for the Examiner to examine all of the claims in a single application. As a result, Applicants respectfully request that the Examiner reconsider the withdrawal of claim 22.

V. Conclusion

In light of the amendments and remarks presented in this correspondence, Applicants respectfully respect the withdrawal of the following rejections and objections: the rejection of claim 19 under 35 U.S.C. § 112, second paragraph; the rejection of claims 14-16 under 35 U.S.C. § 102(e) as being anticipated by Nakashima; the objection to claims 18, 21, 23 and 25 as being dependent upon a rejected base claim; and the allowance of claims 14-16, 18, 19 and 21 and 23-25.

If there are any additional issues, the Examiner is requested to contact Applicants' attorney at the telephone number provided below.

Respectfully submitted,

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